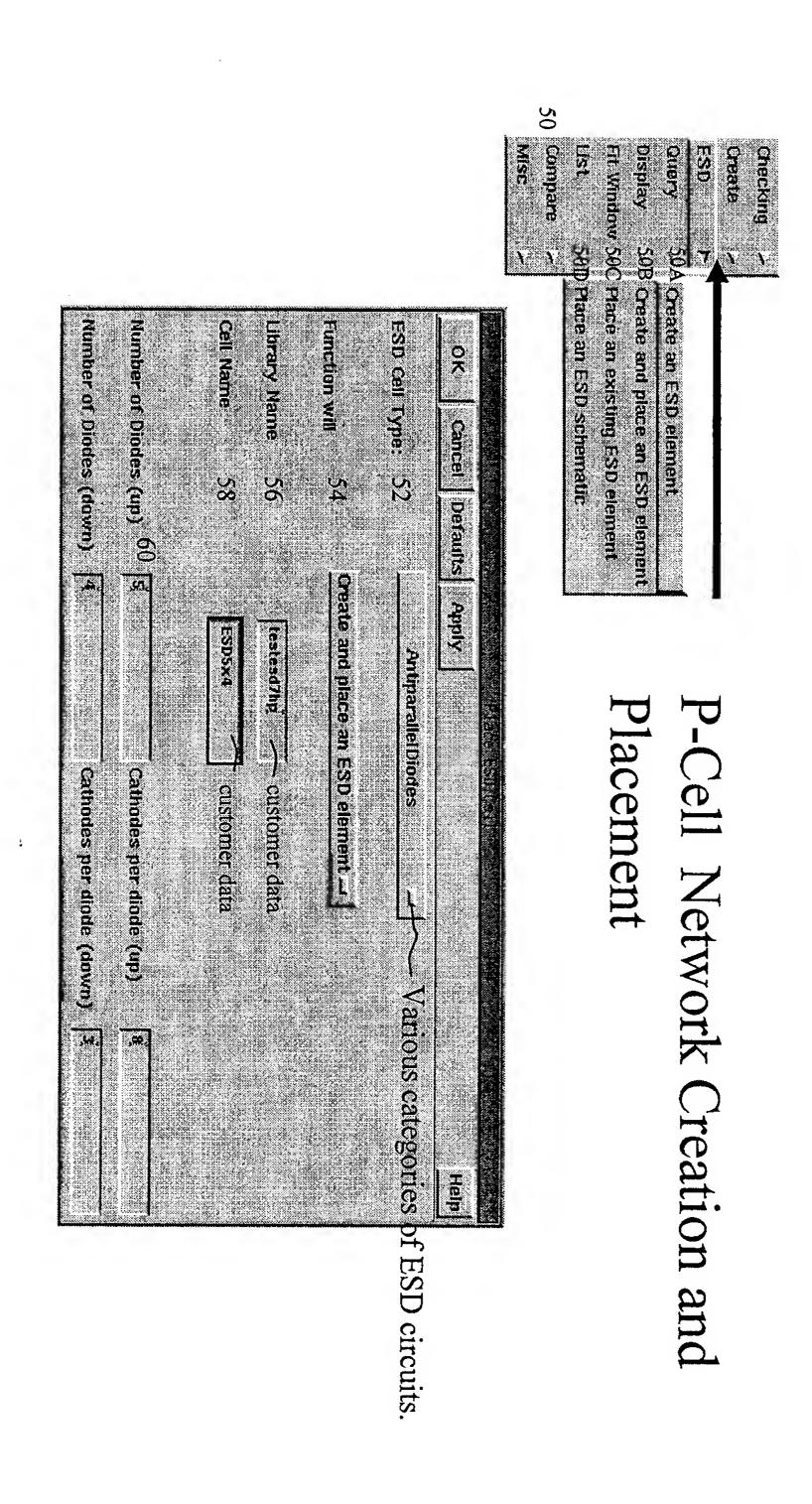


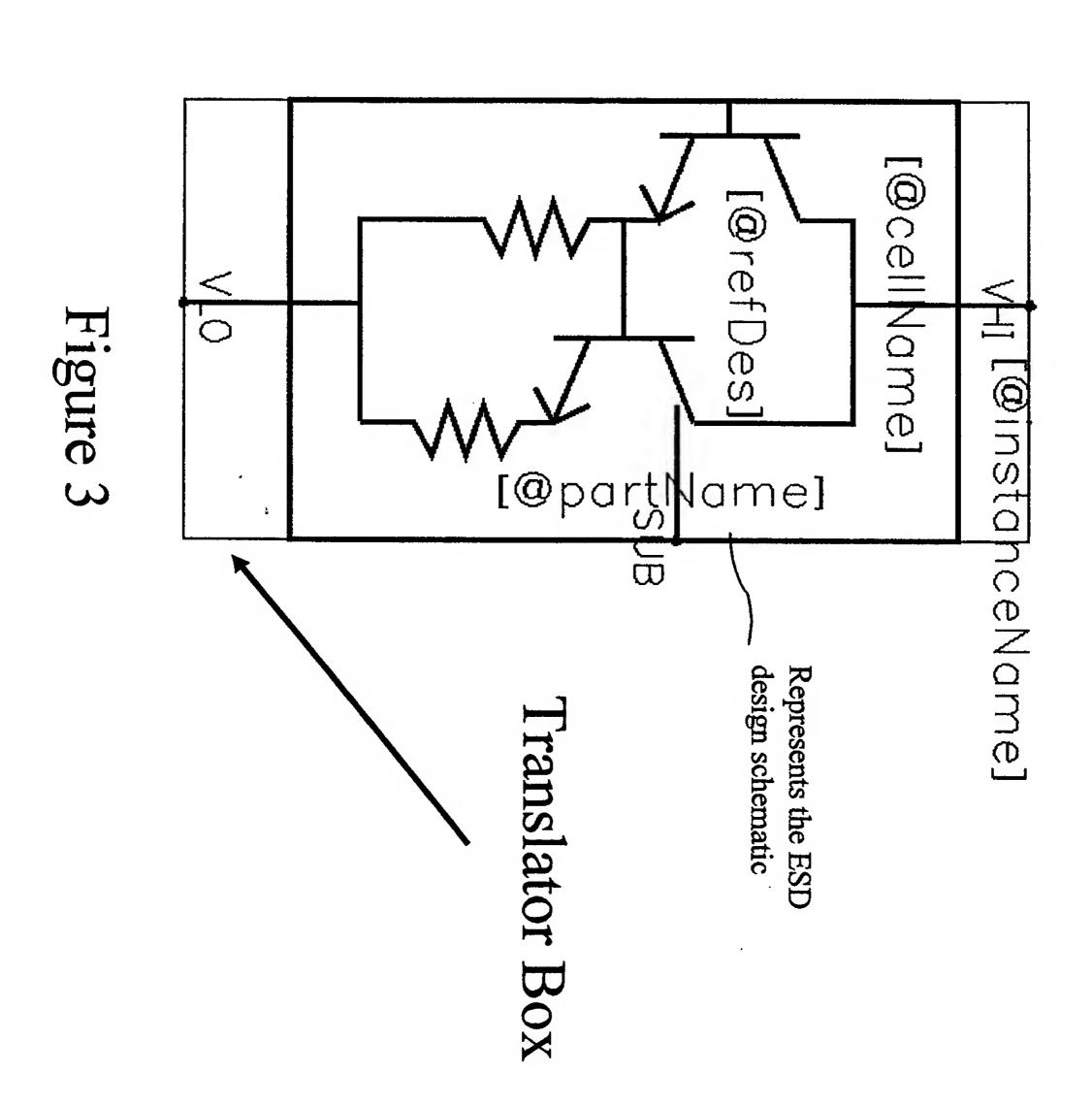
Figure 1

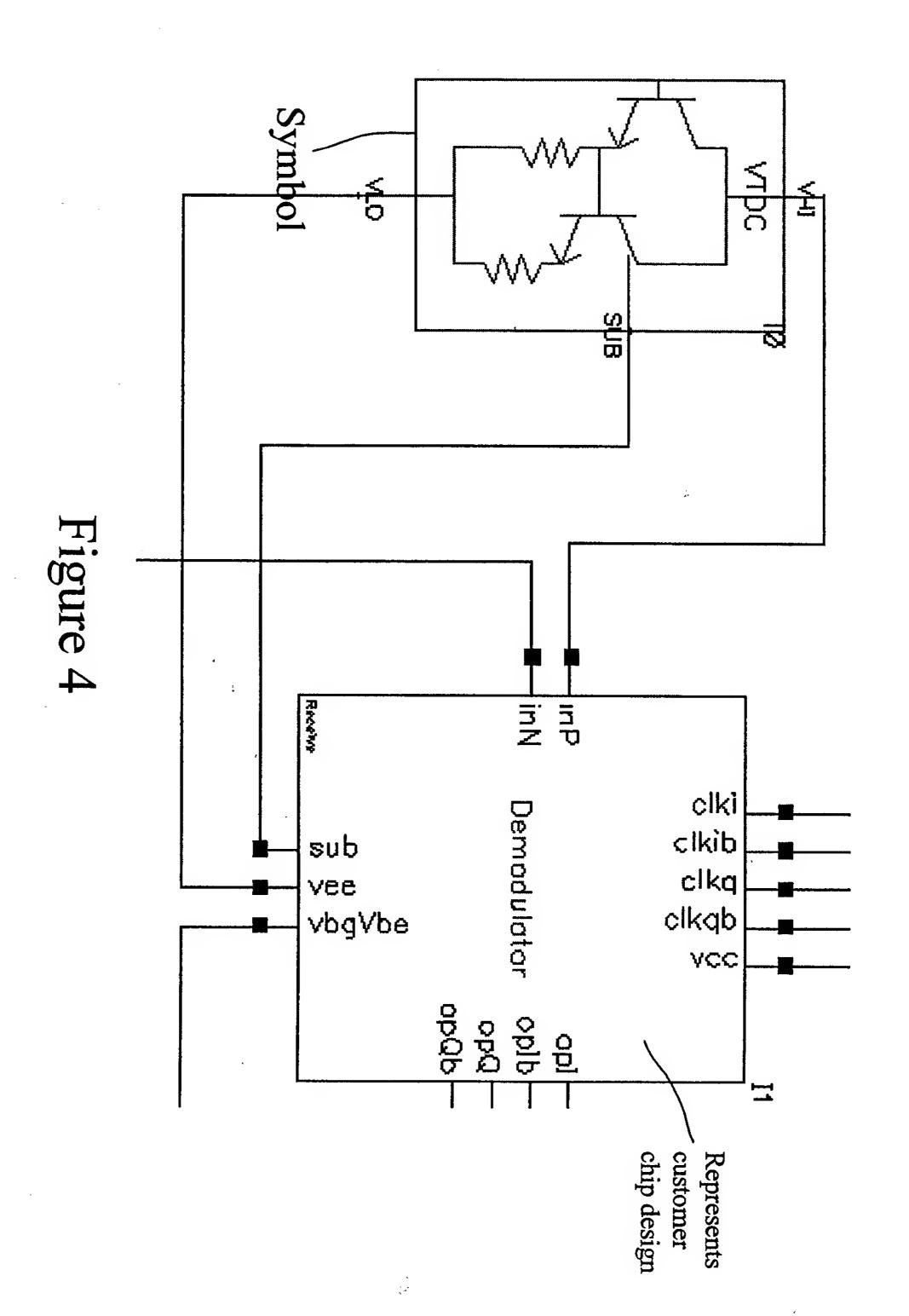


P-Cell Schematic and Graphica 1 Representation

Figure 2

Symbol Function





Symbol Placement in Schematic Design

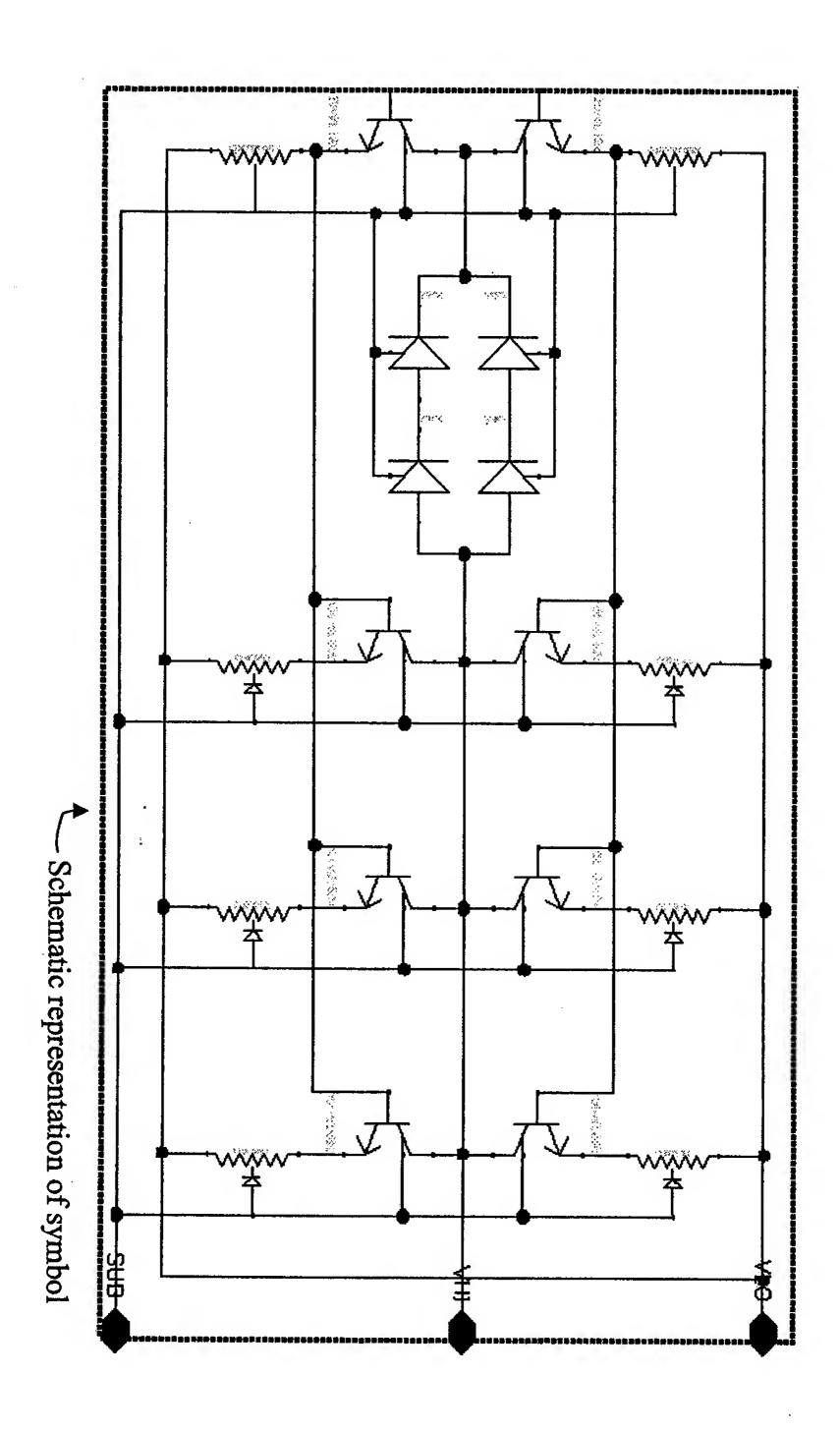


Figure 5

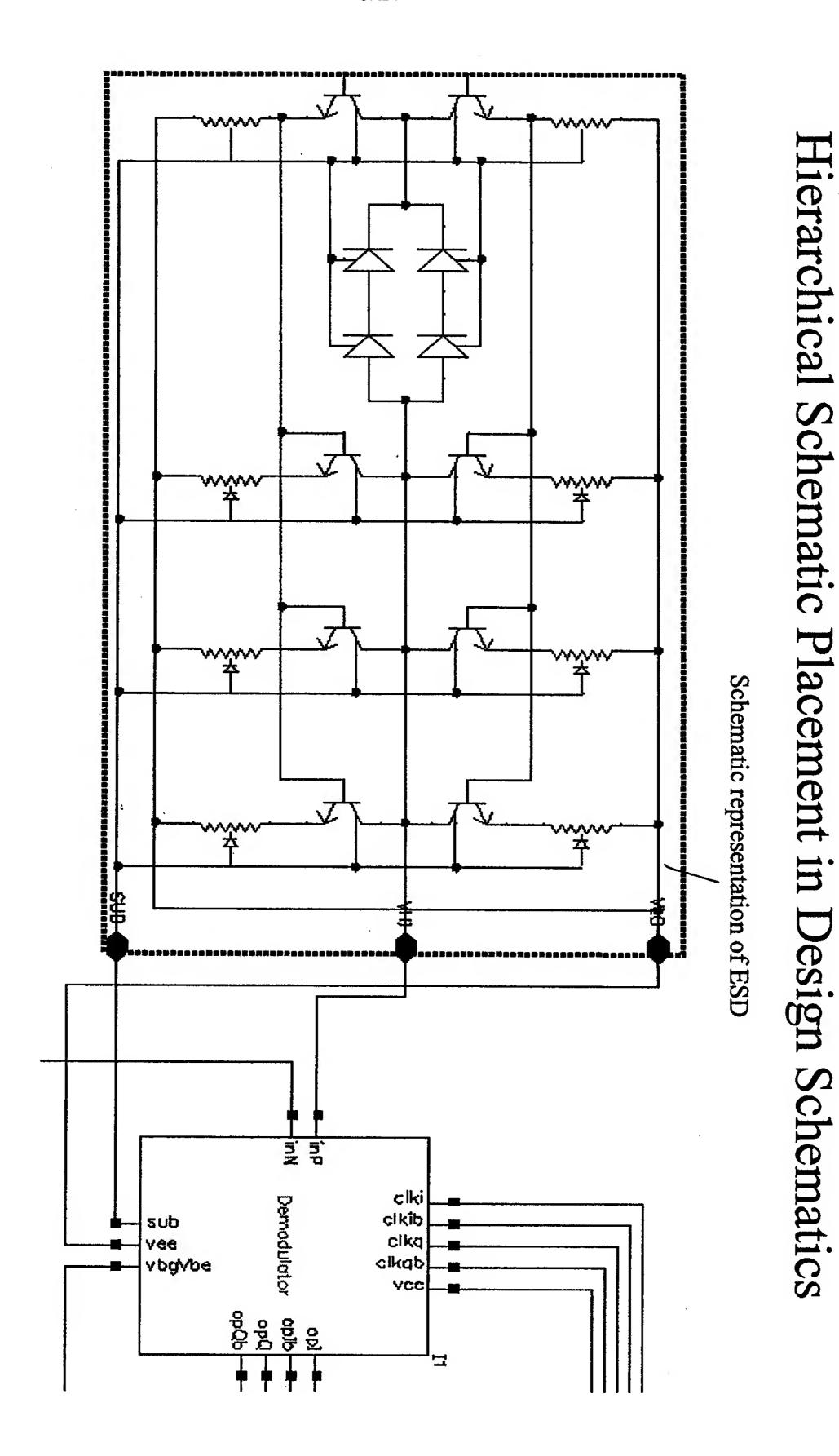


Figure 6

Figure 7

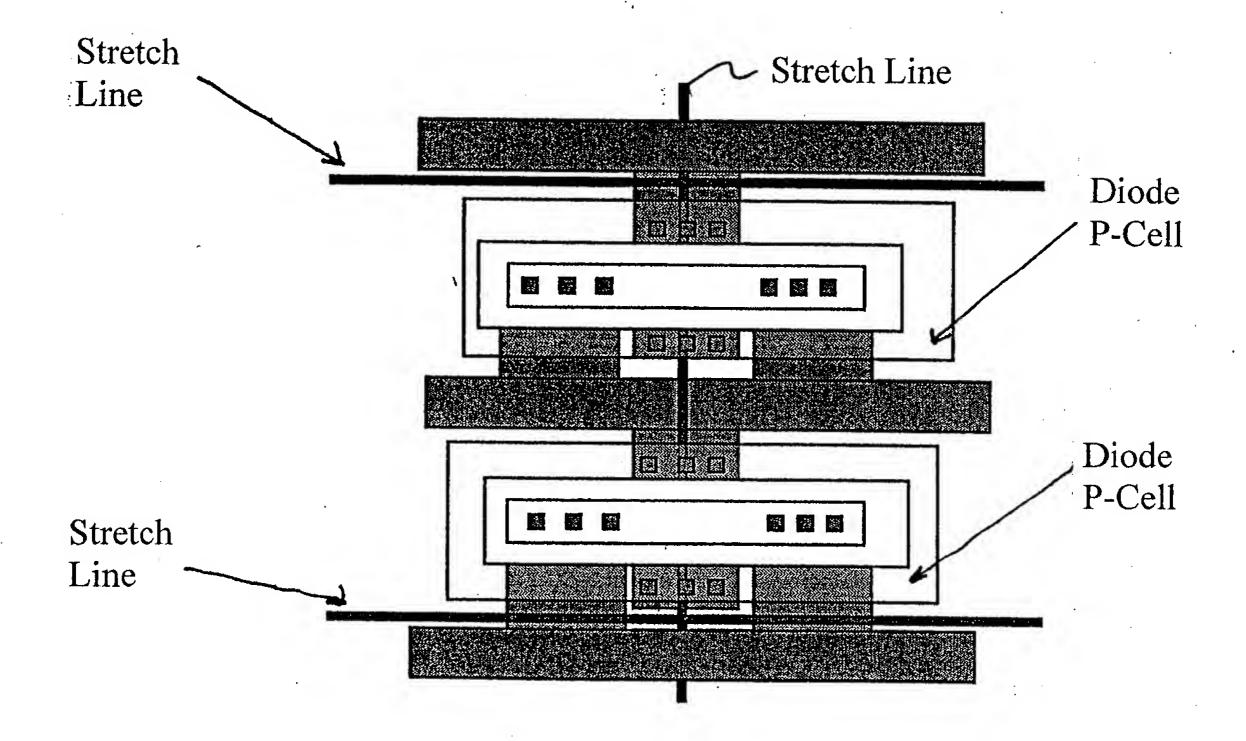
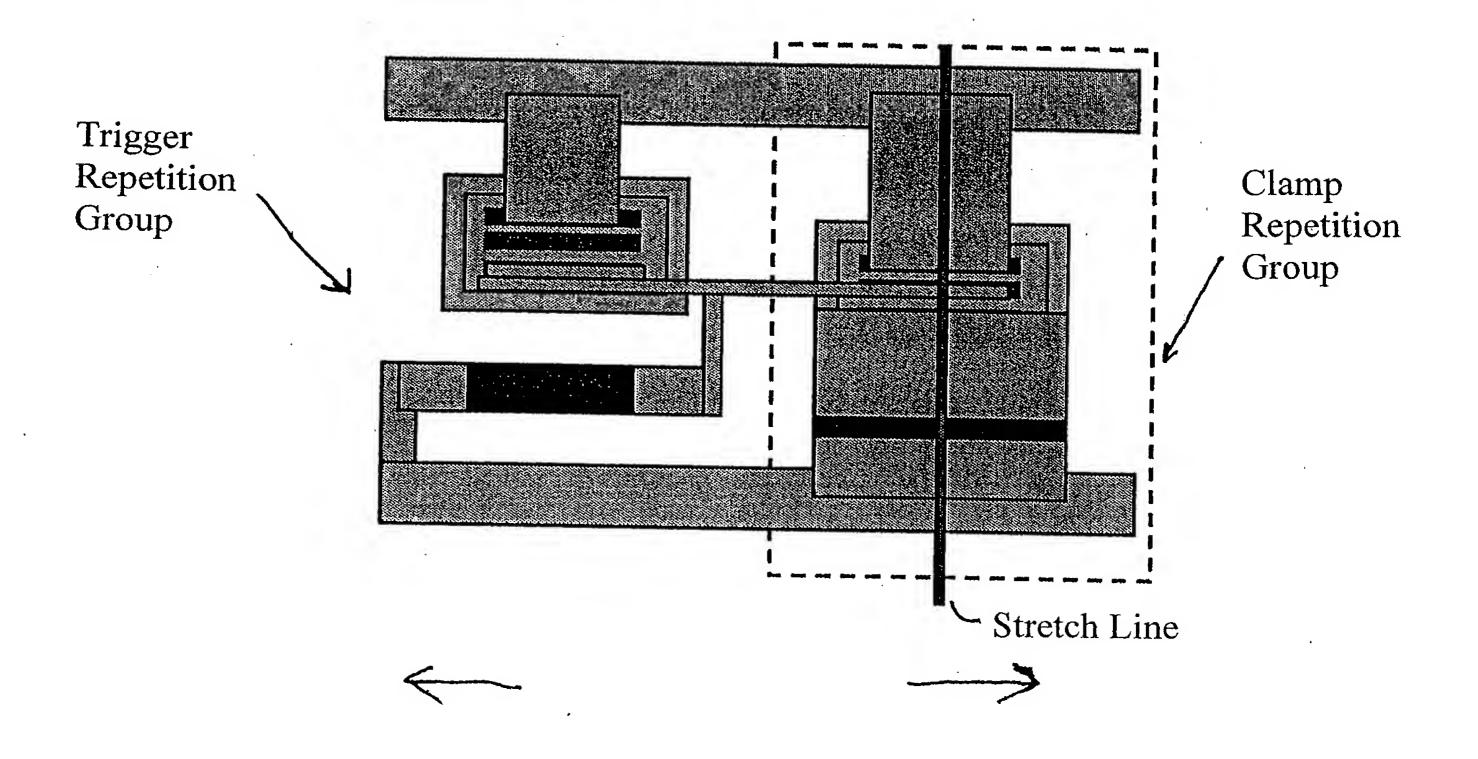


Figure 8



Graphical Representation of Hierarchical Design

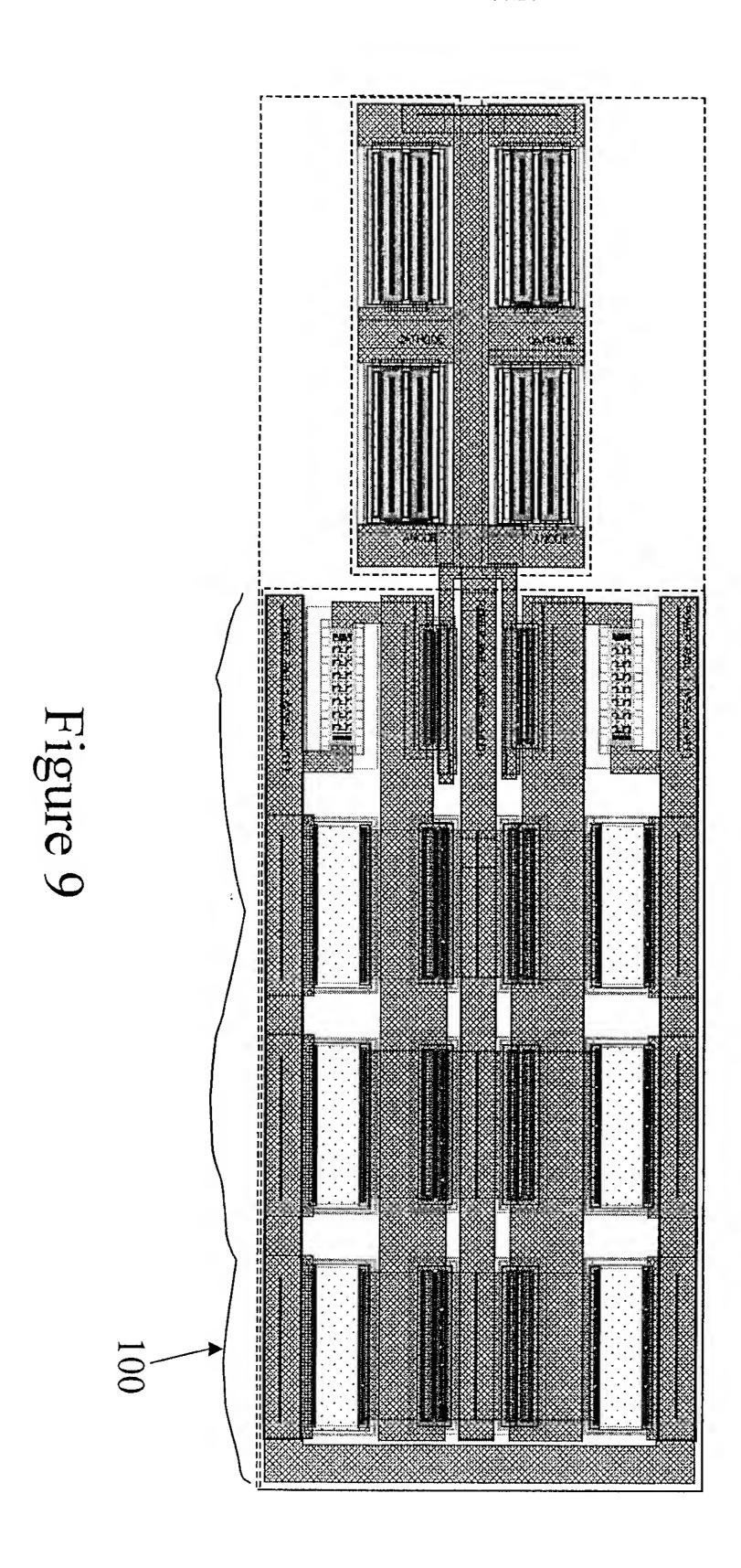
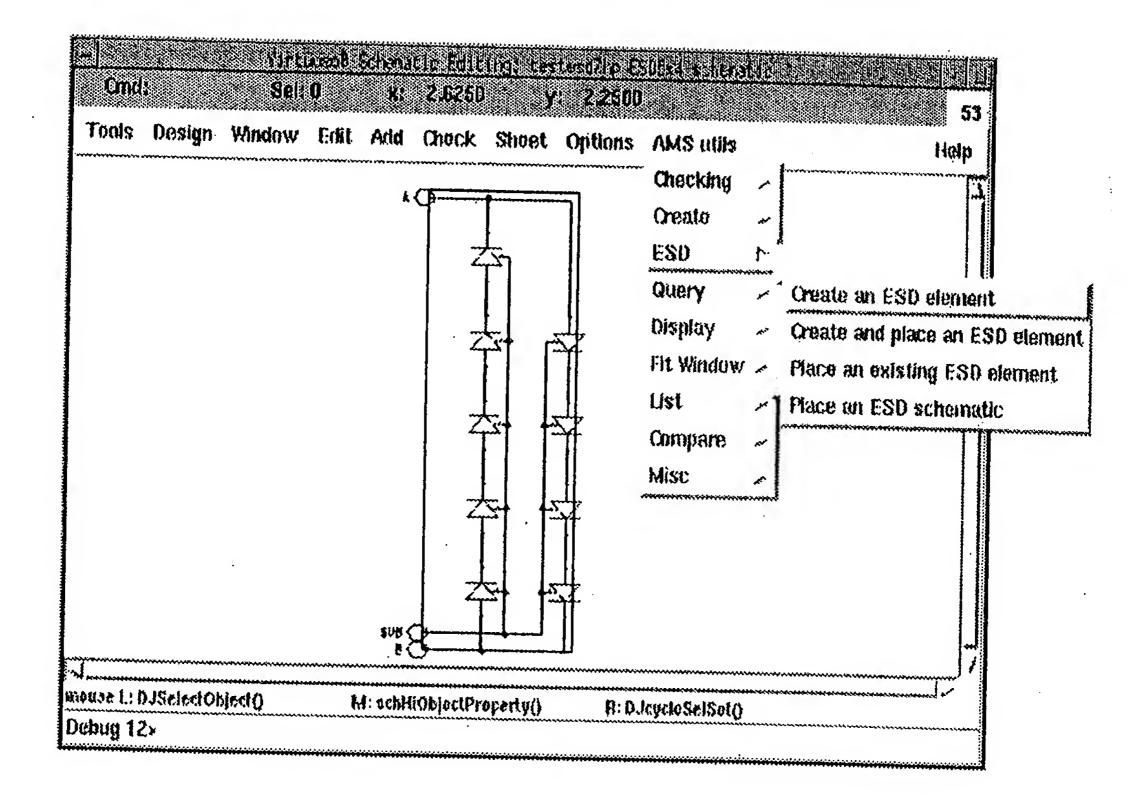
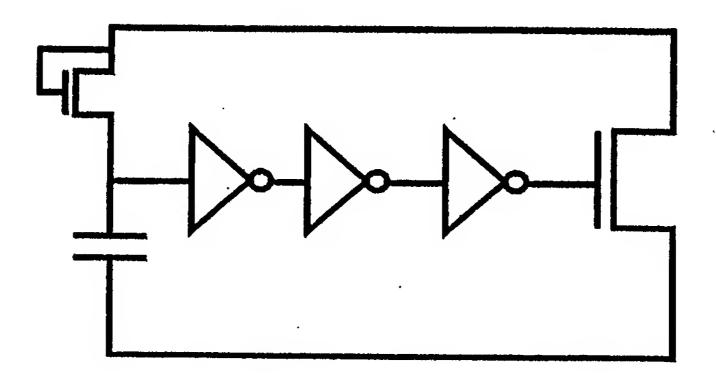


Figure 10



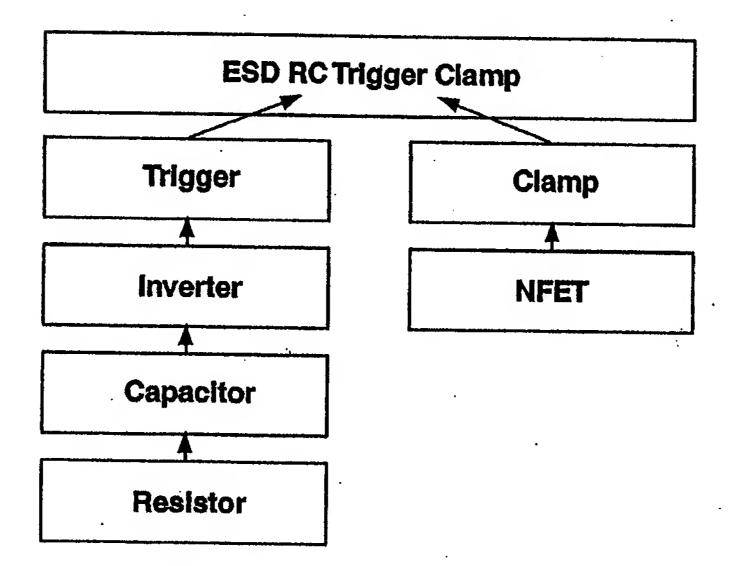
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Figure 11



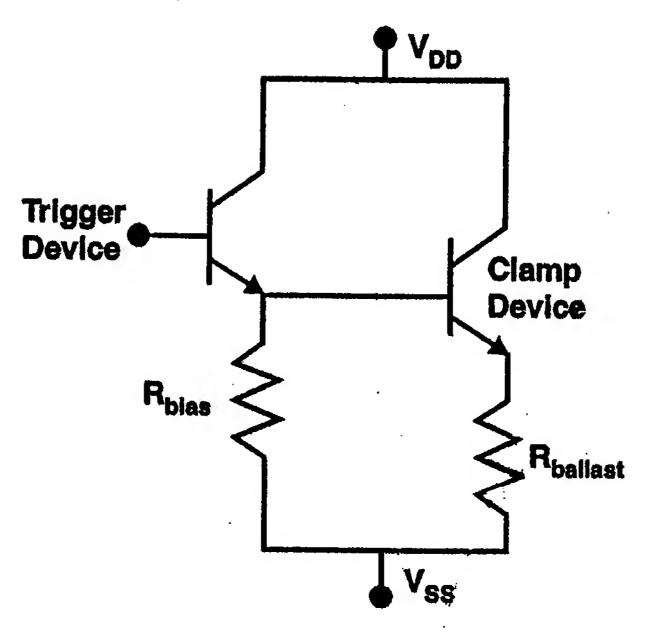
Symbol for D-C trigger clamp

Figure 12



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Figure 13



Symbol representation Variations of styles – for type of ESD element

Figure 14

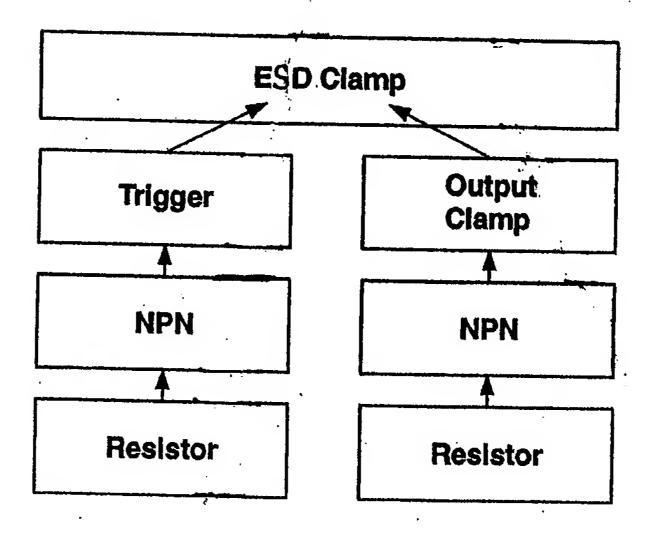


Figure 15

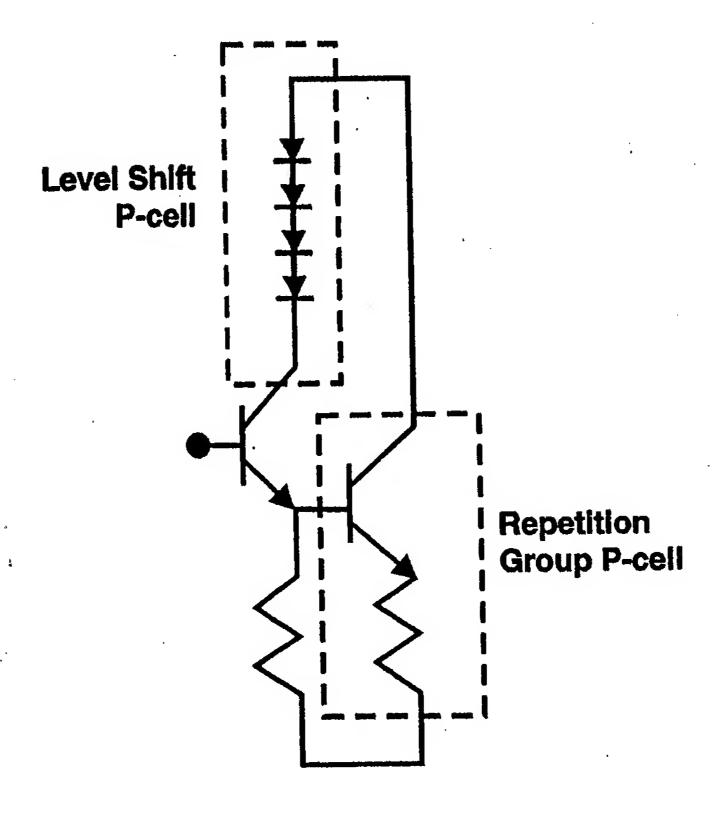
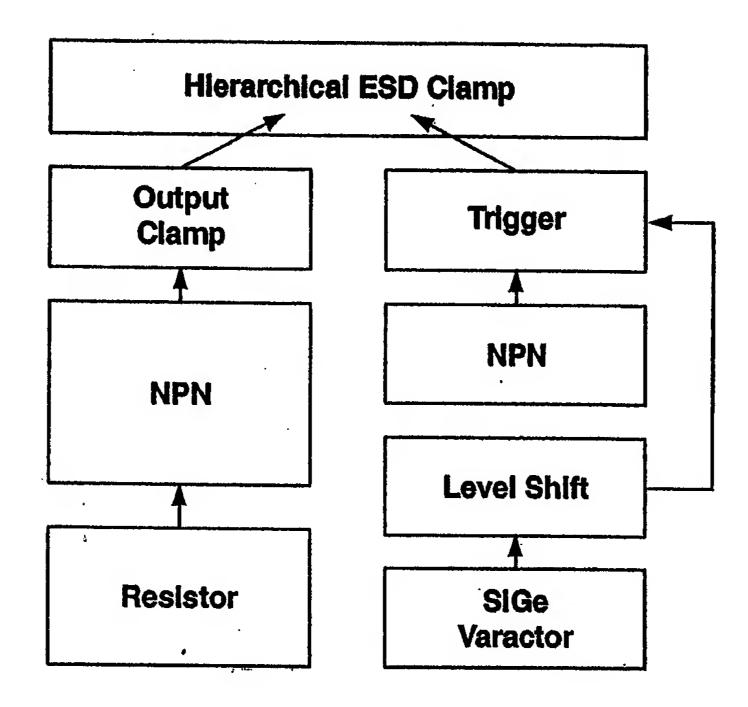
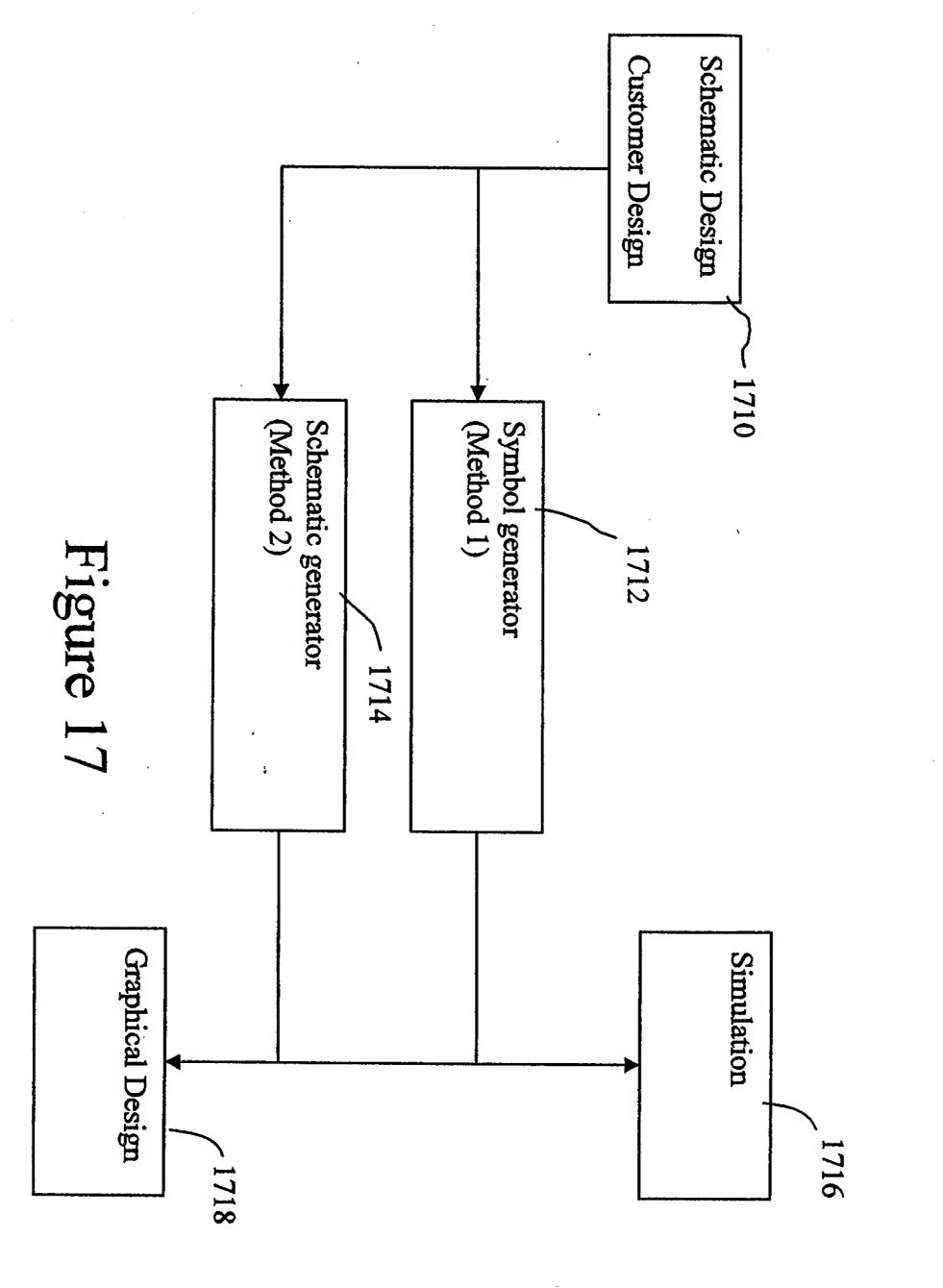


Figure 16



Schematic Systen



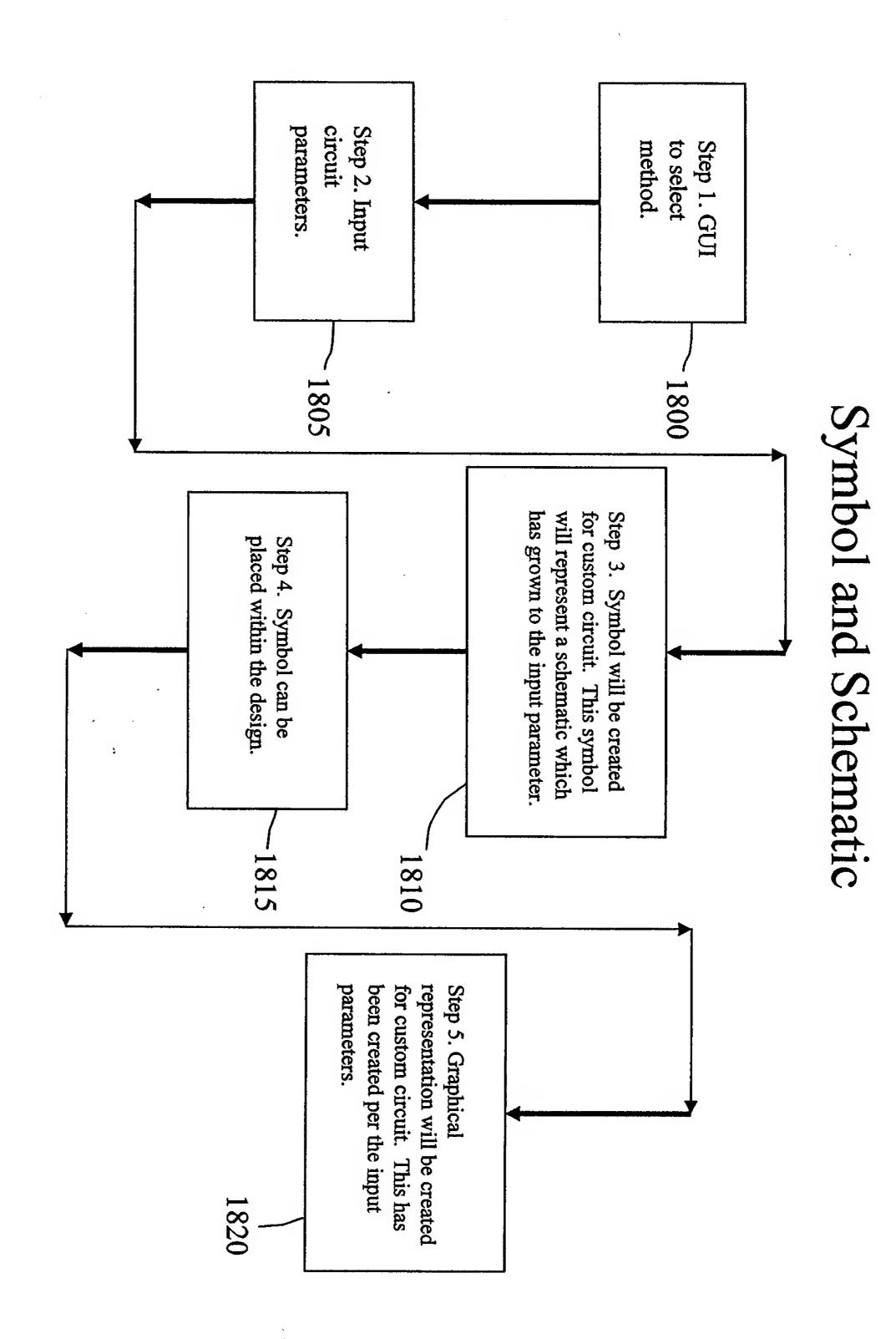
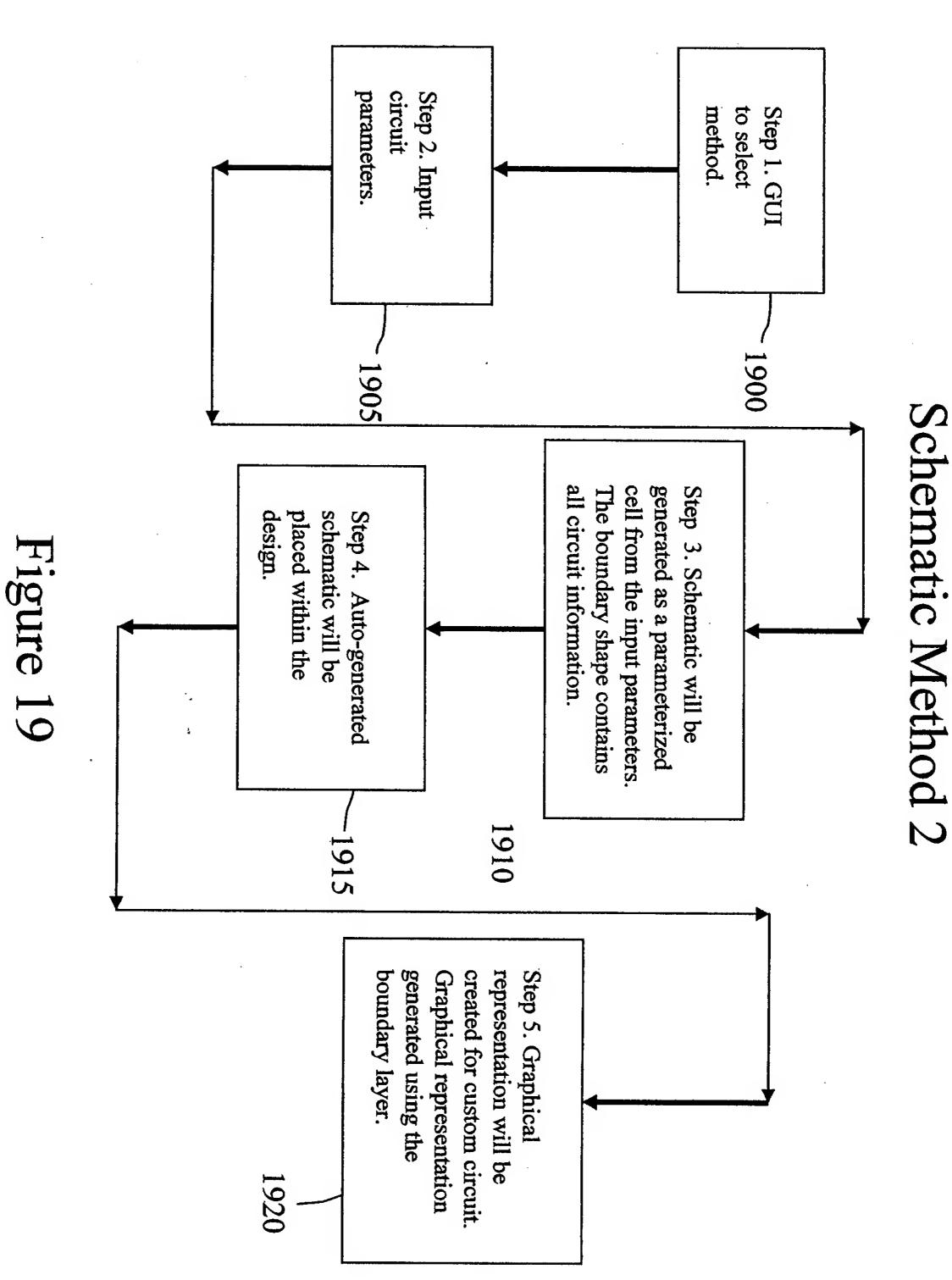


Figure 18



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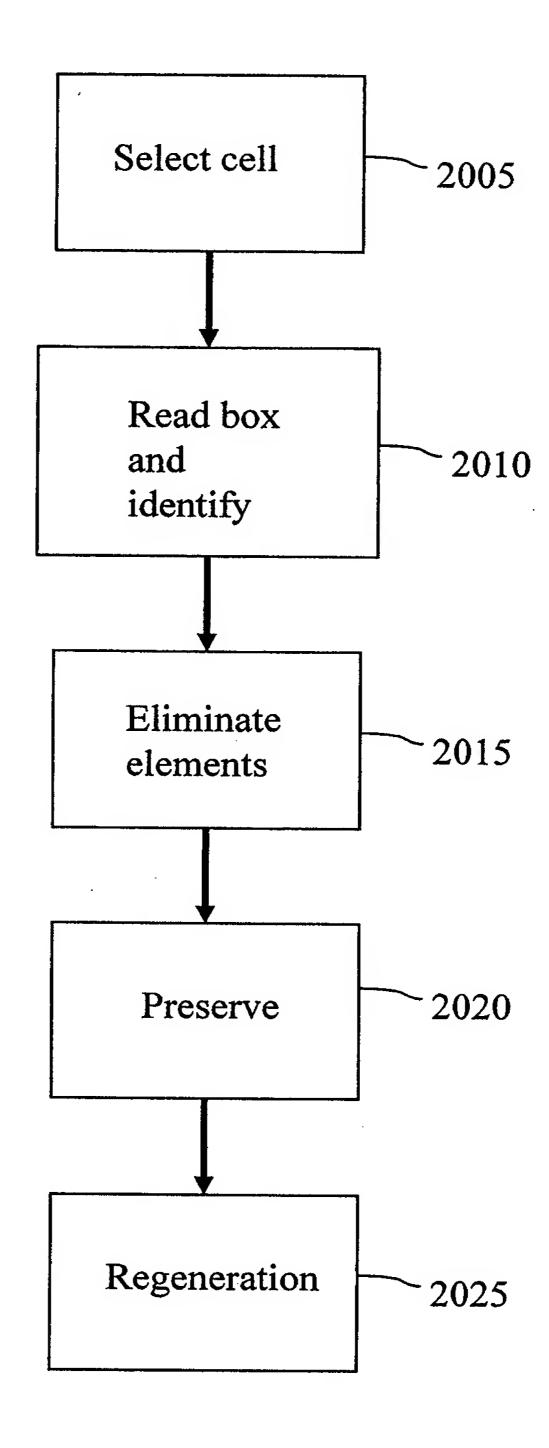


Figure 20

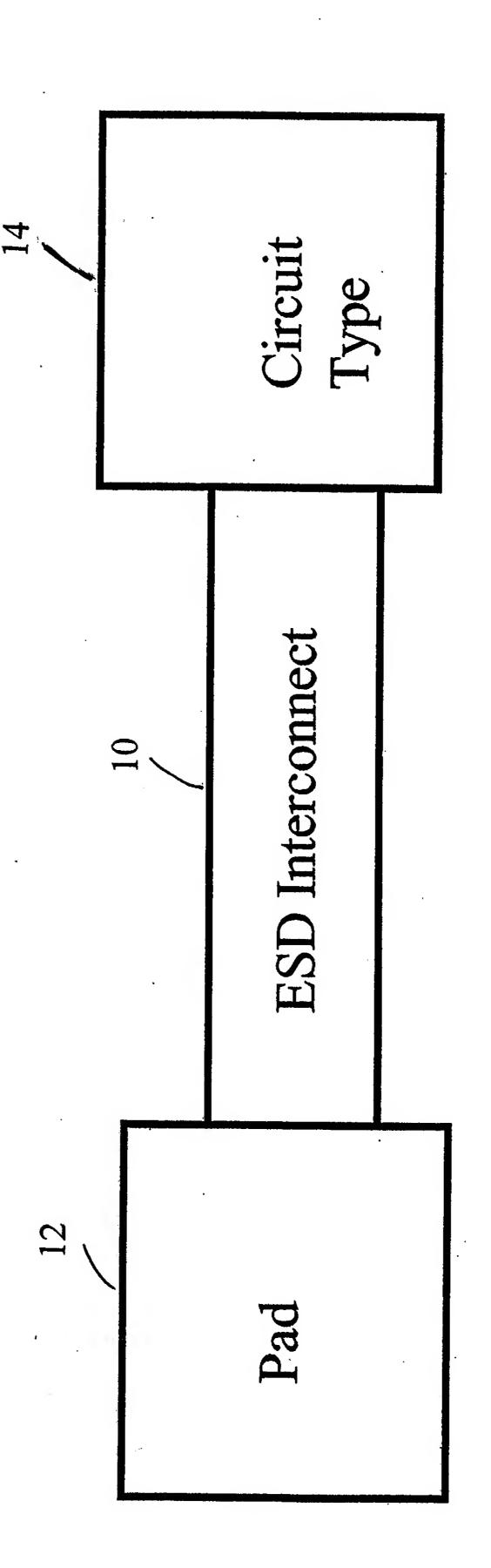
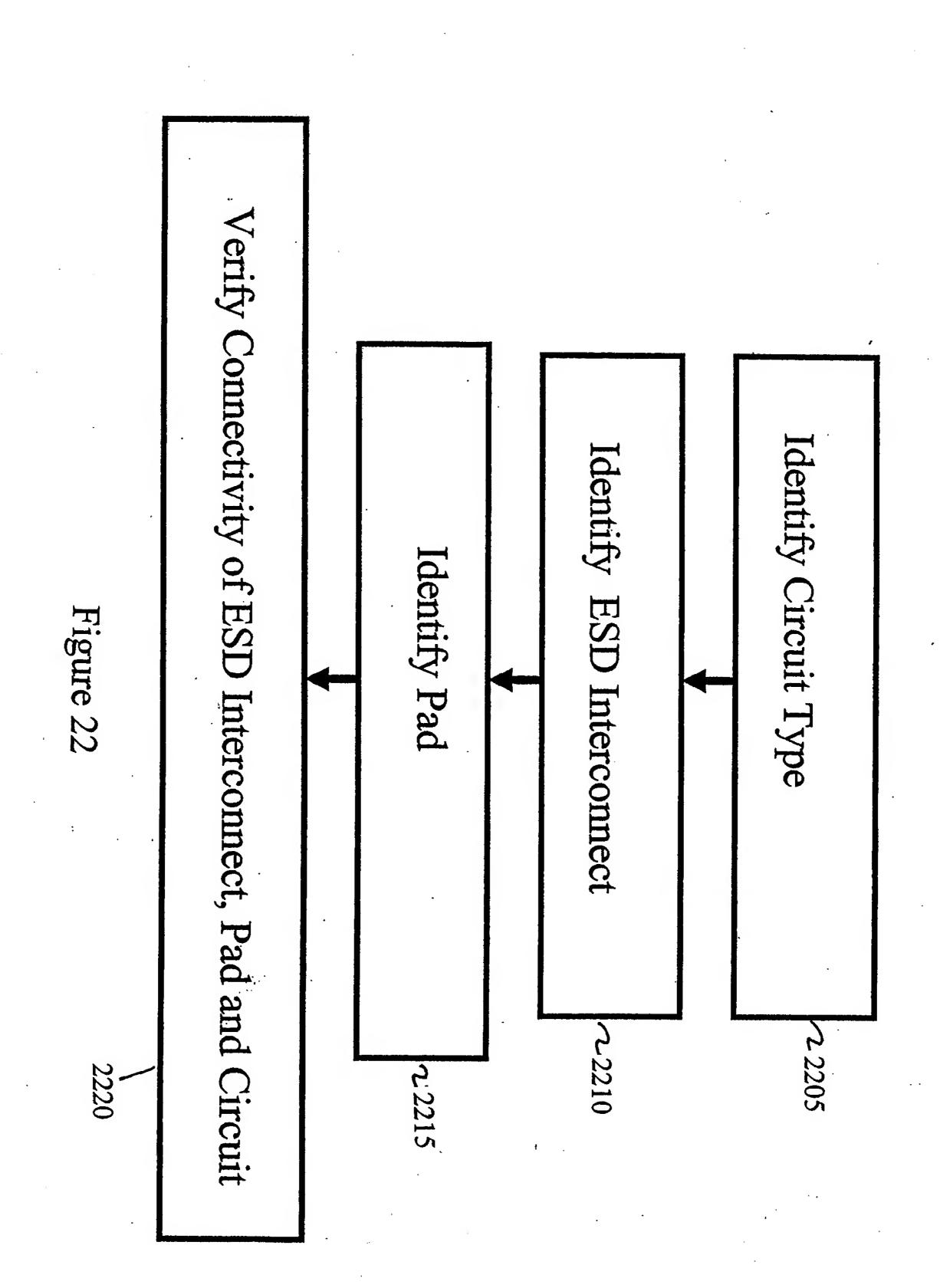
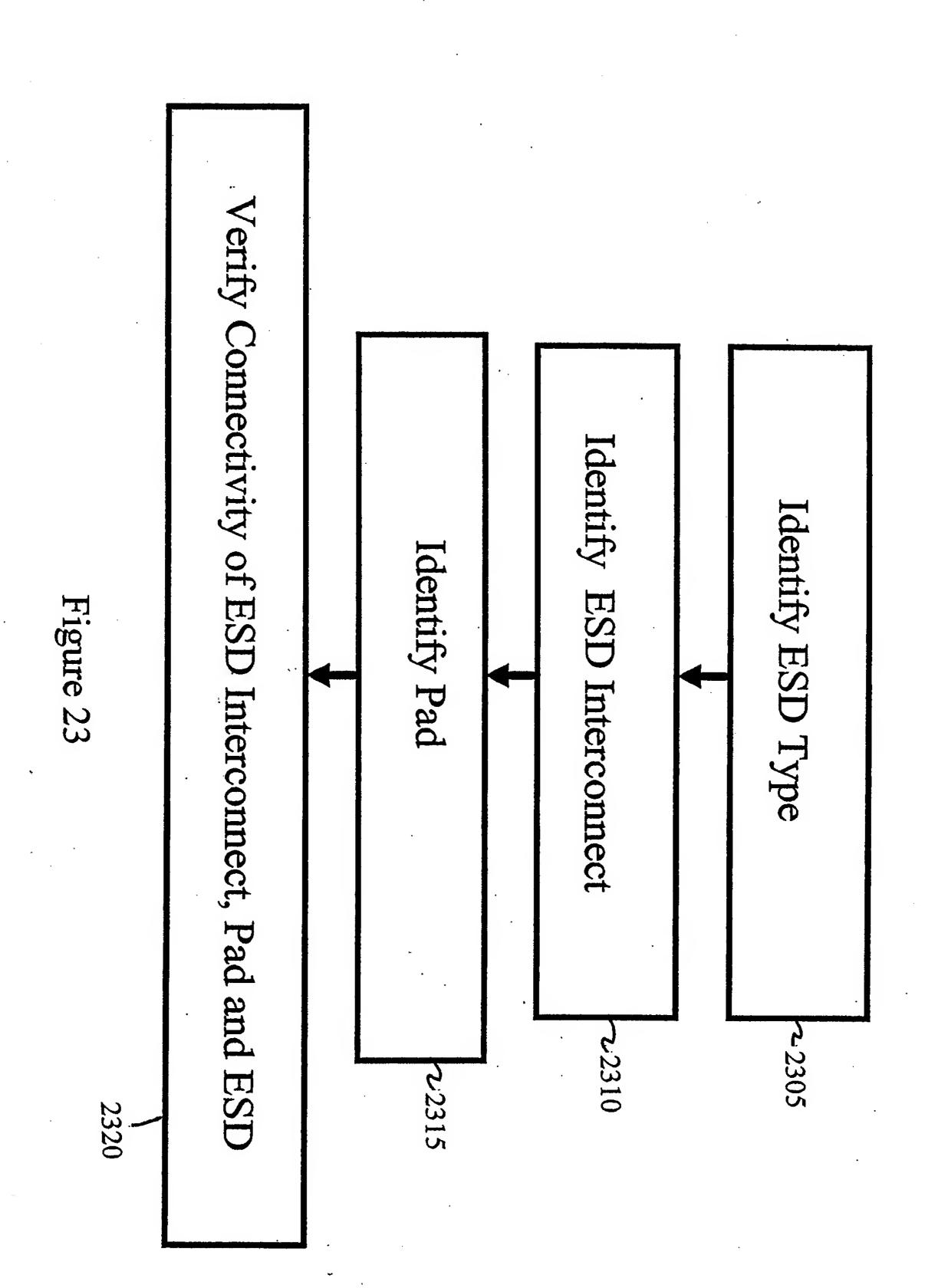
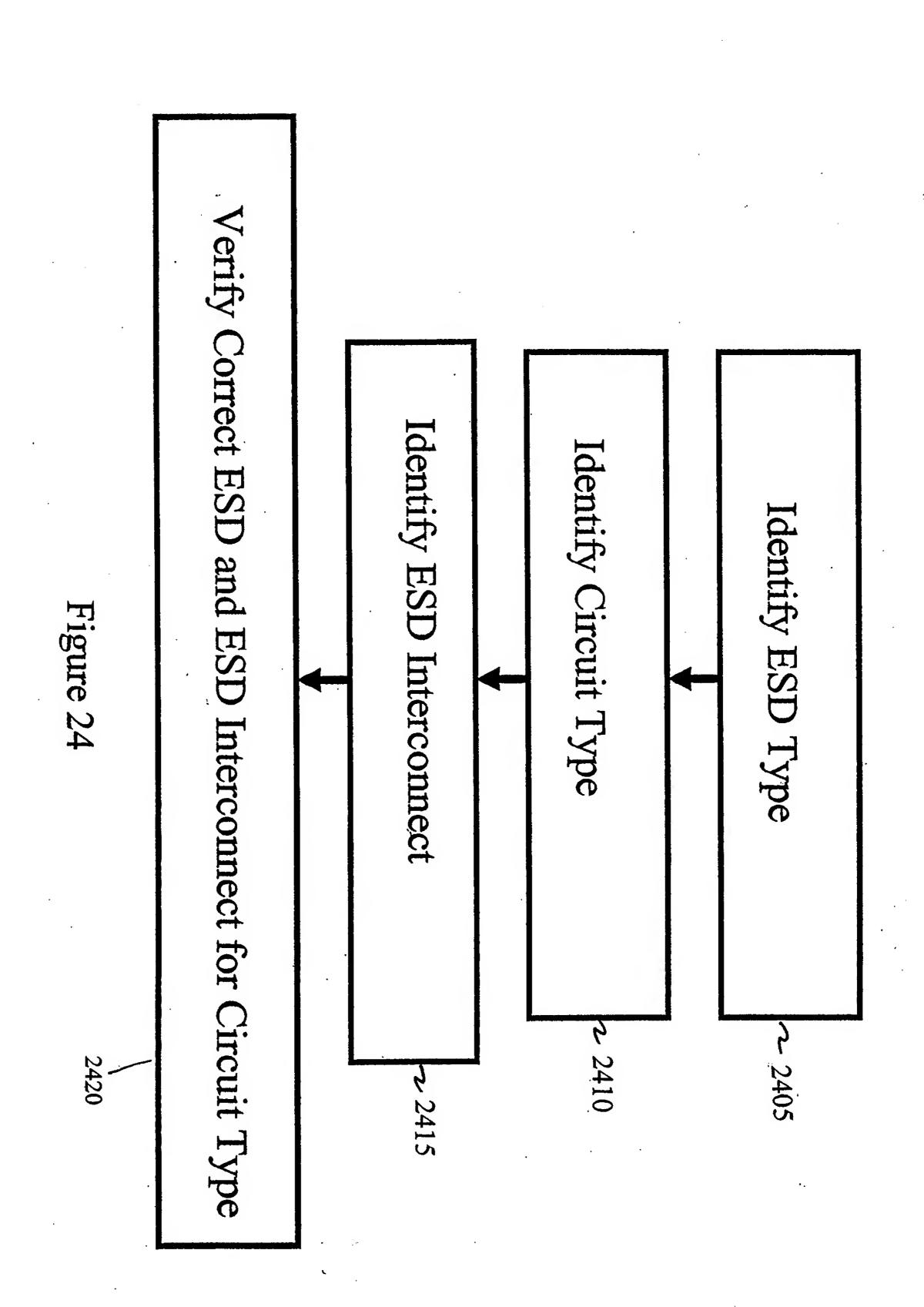
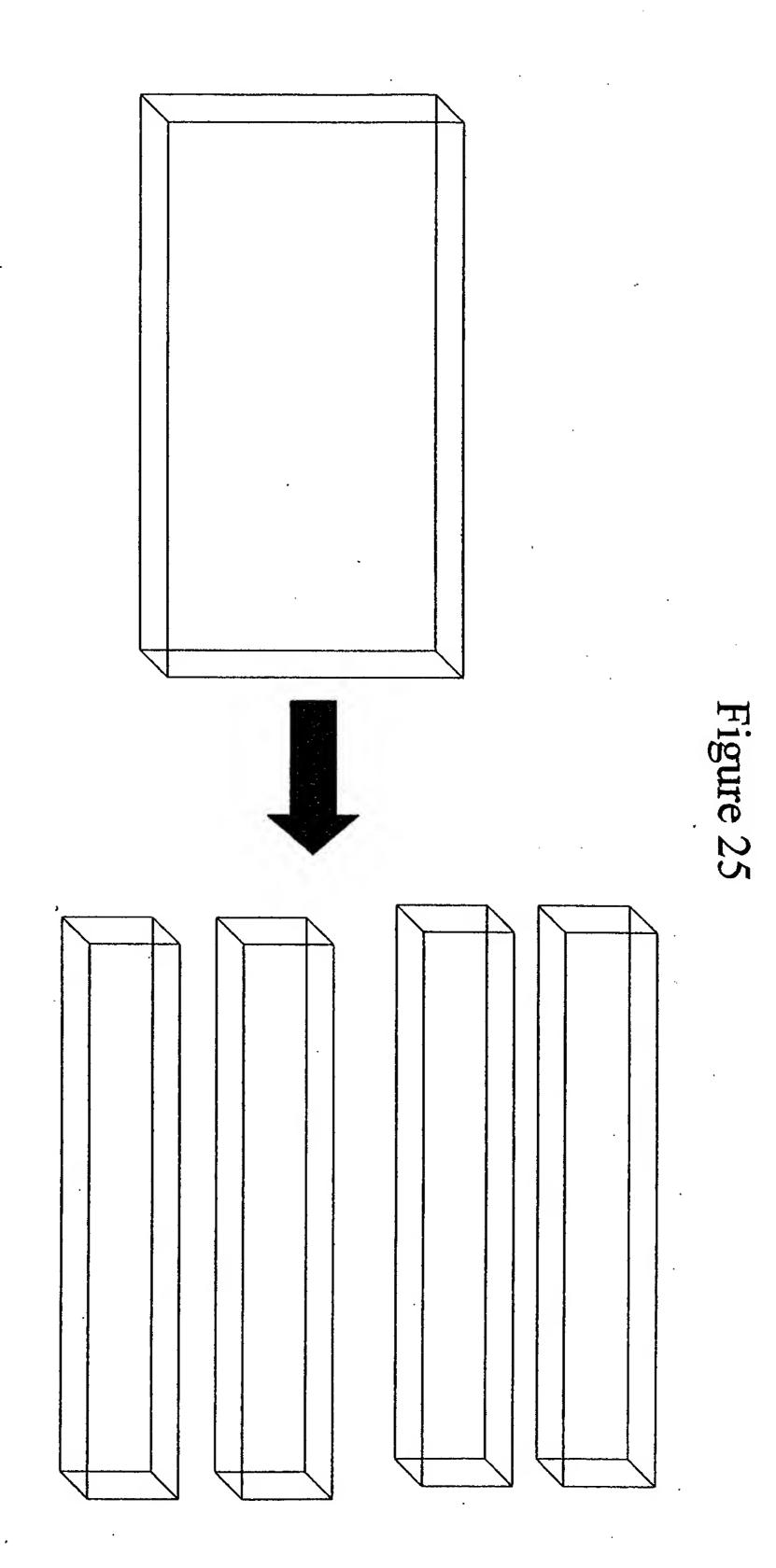


Figure 2

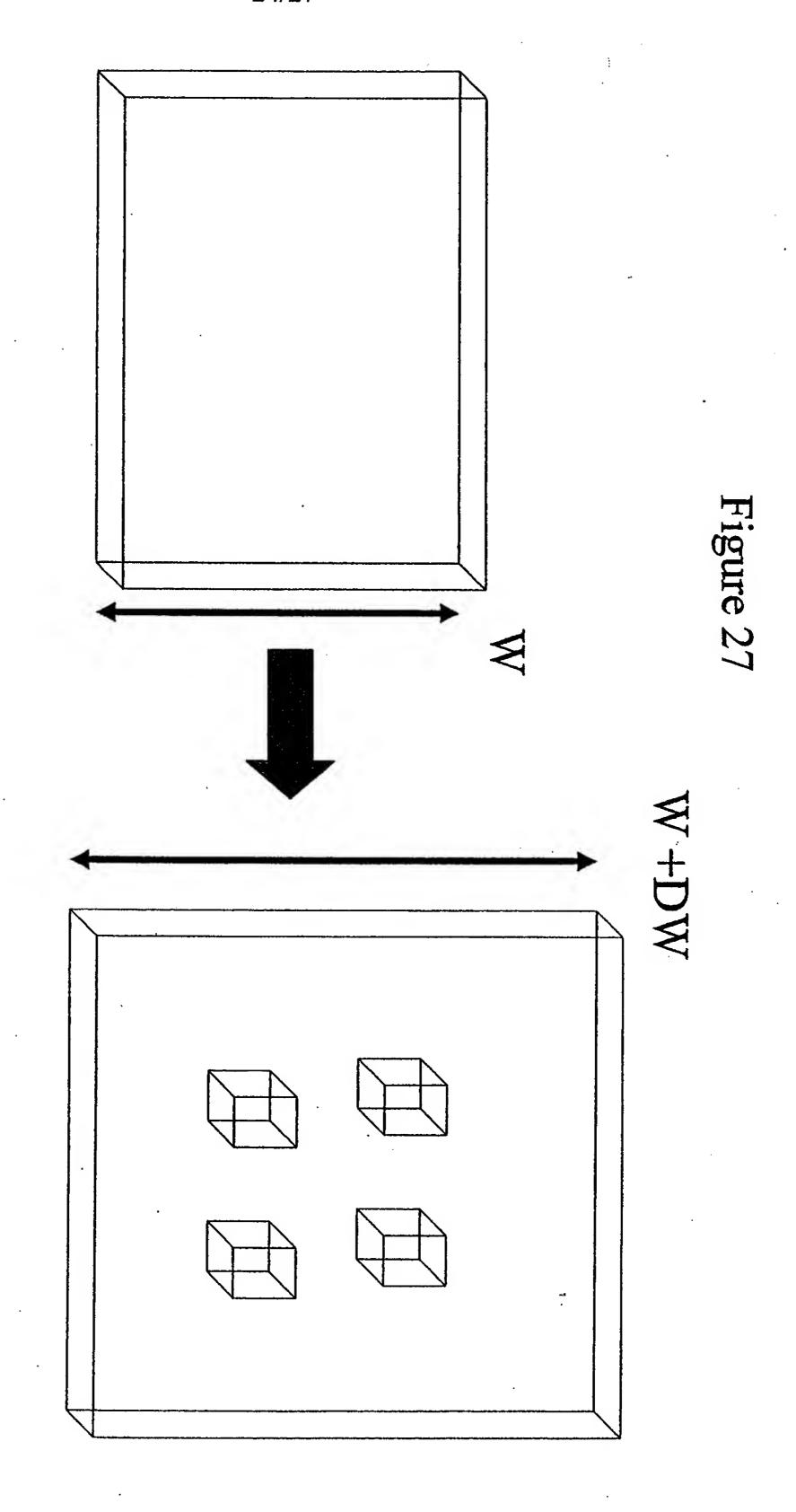








ESD Interconnect P-Cell: Ballasting Feature in P-Cell to provide Current Uniformity



ESD Interconnect P-Cell: Cheesing Feature widening of metal in P-Cell for ESD robustness

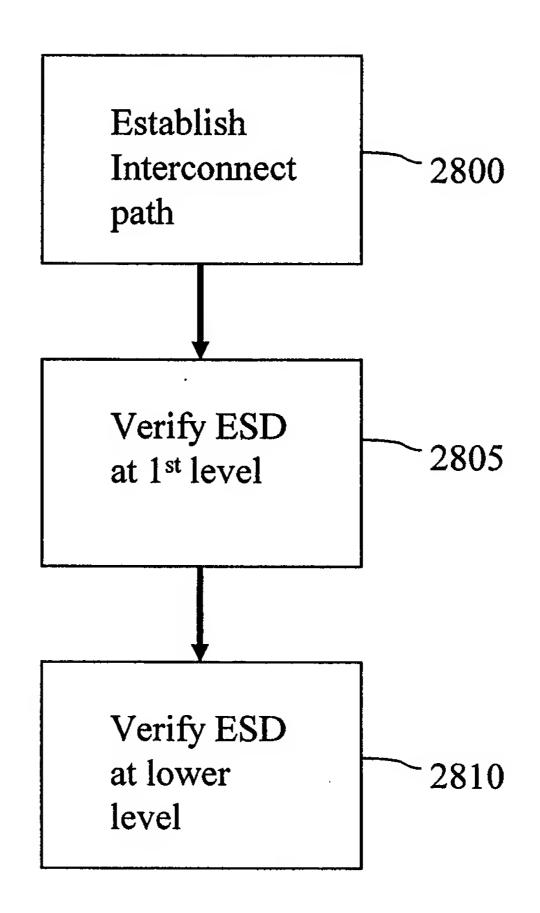


Figure 28

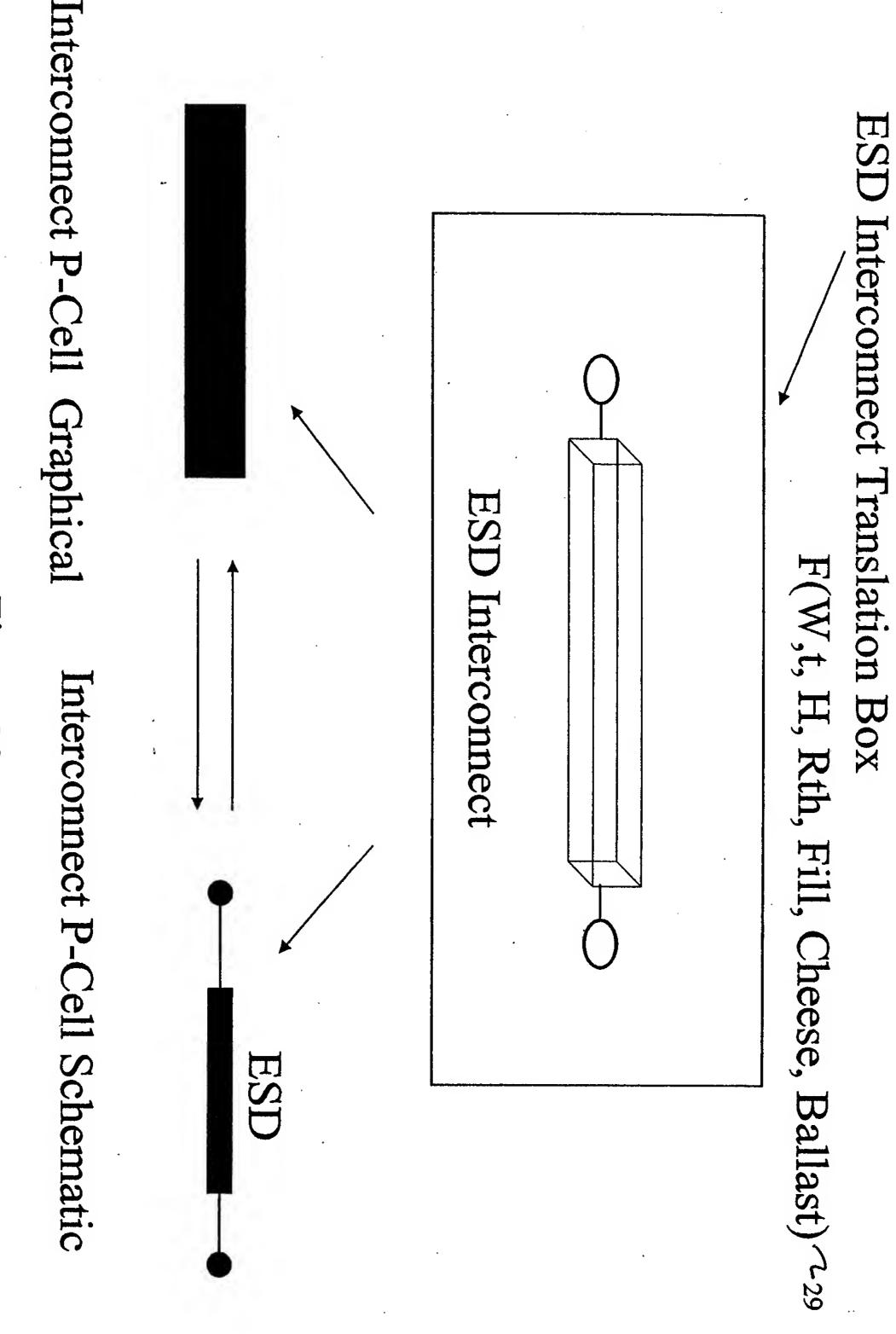


Figure 29

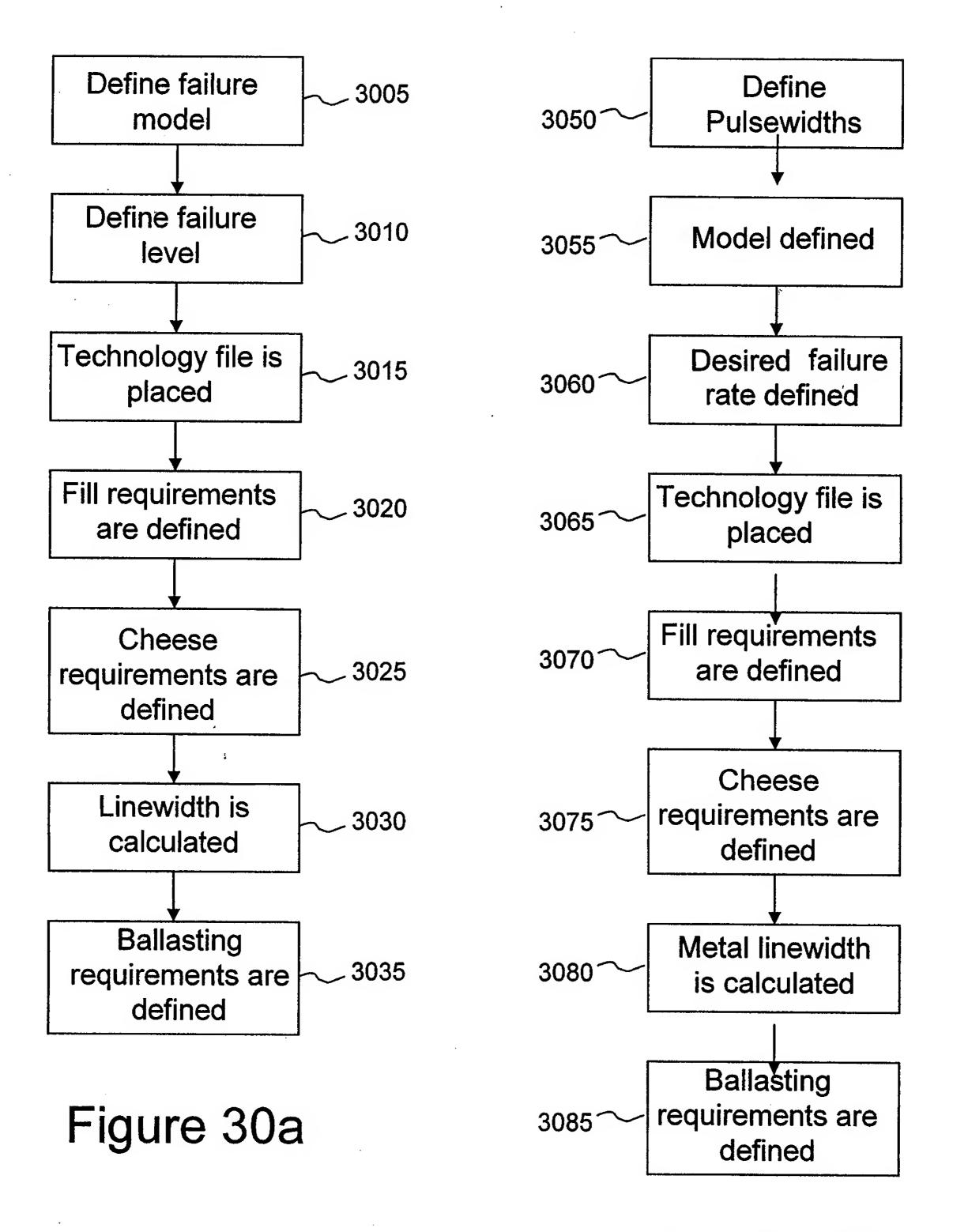


Figure 30b